

Figure 1 (The Basic Invention Used in a Conveyor Application)

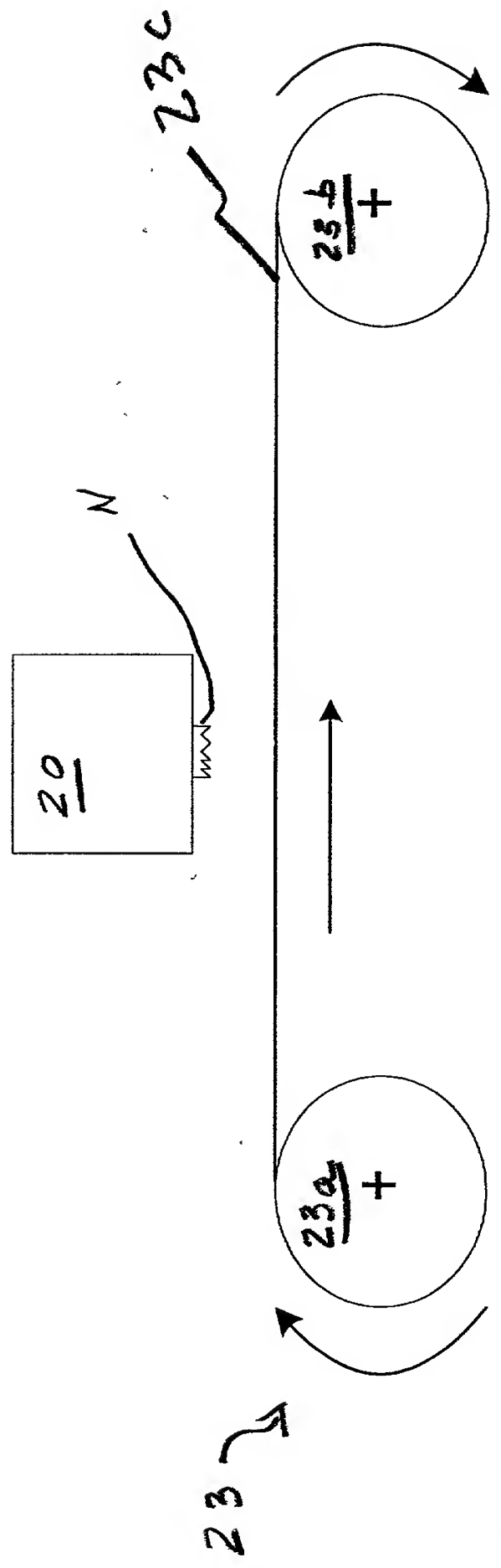


Figure 2 (The Basic Invention Used in a Continuous Web Application)

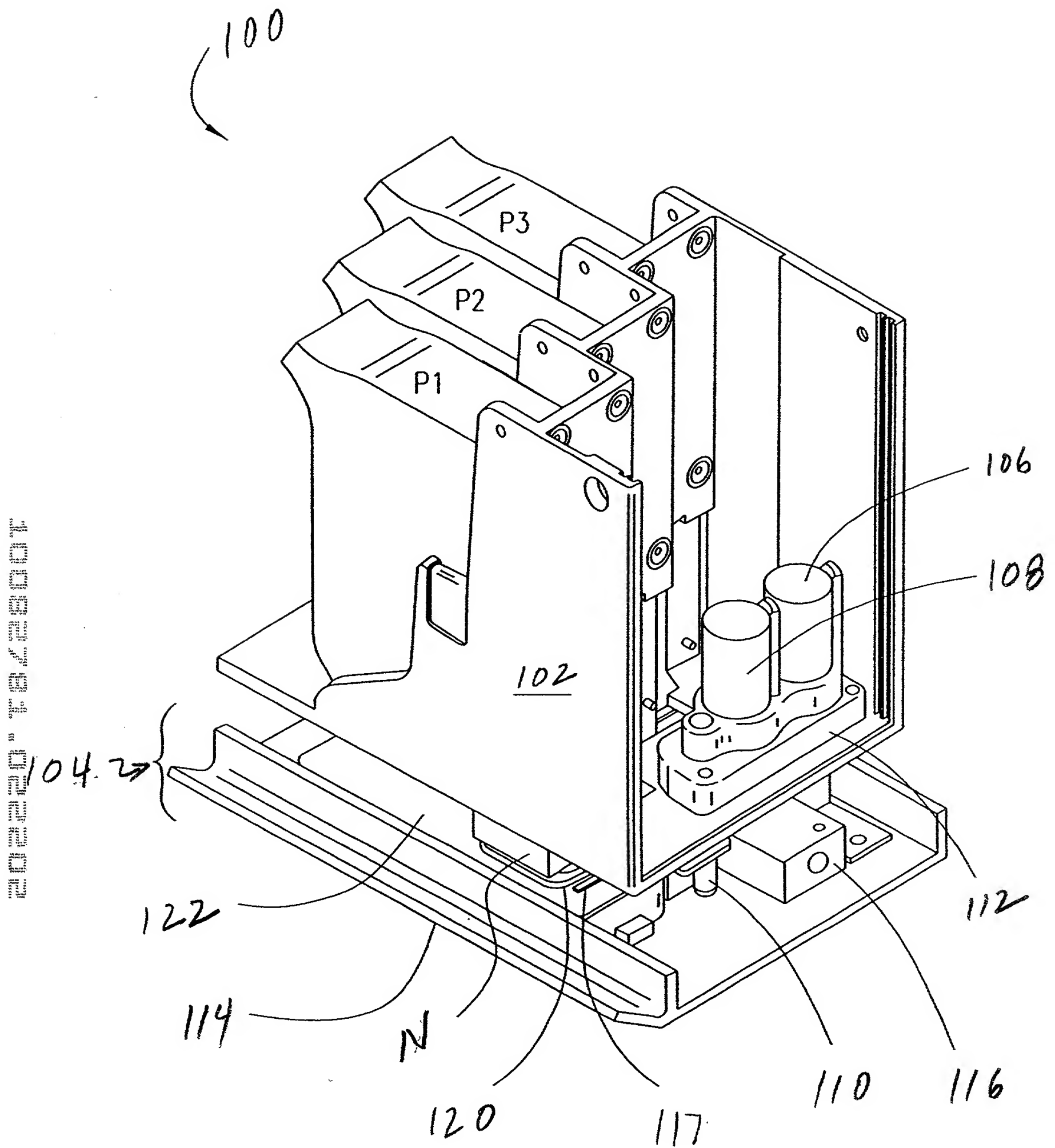
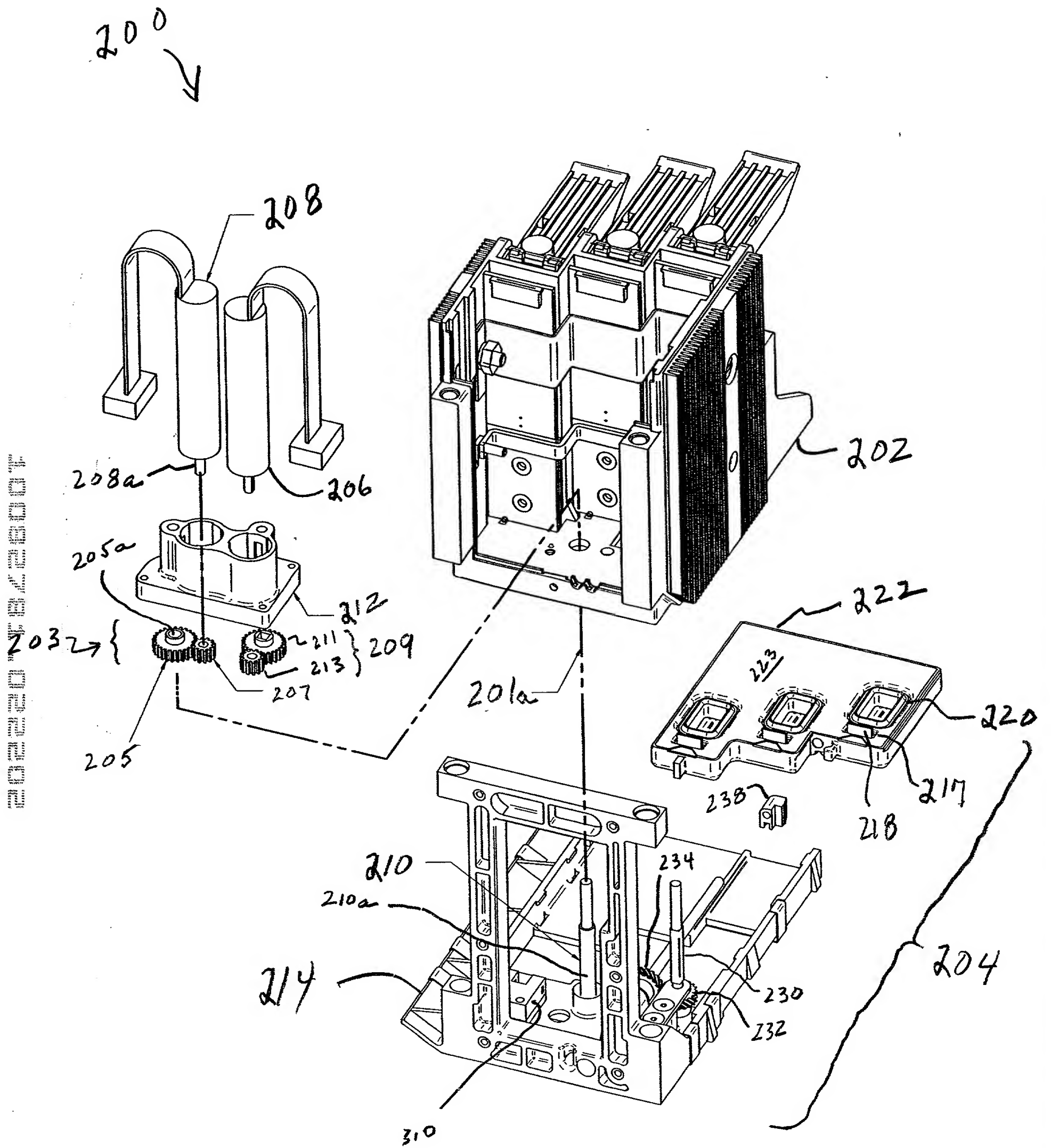
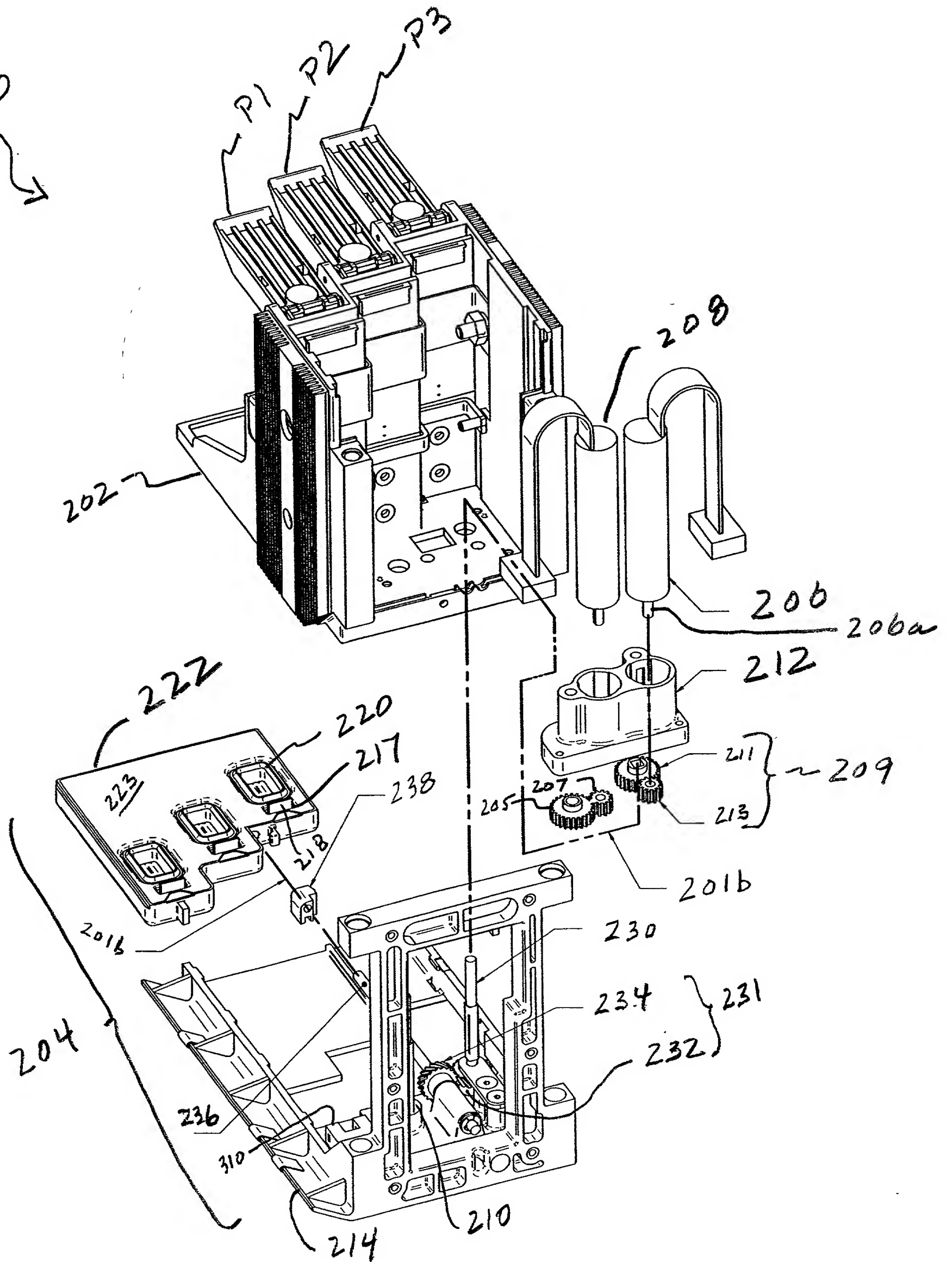


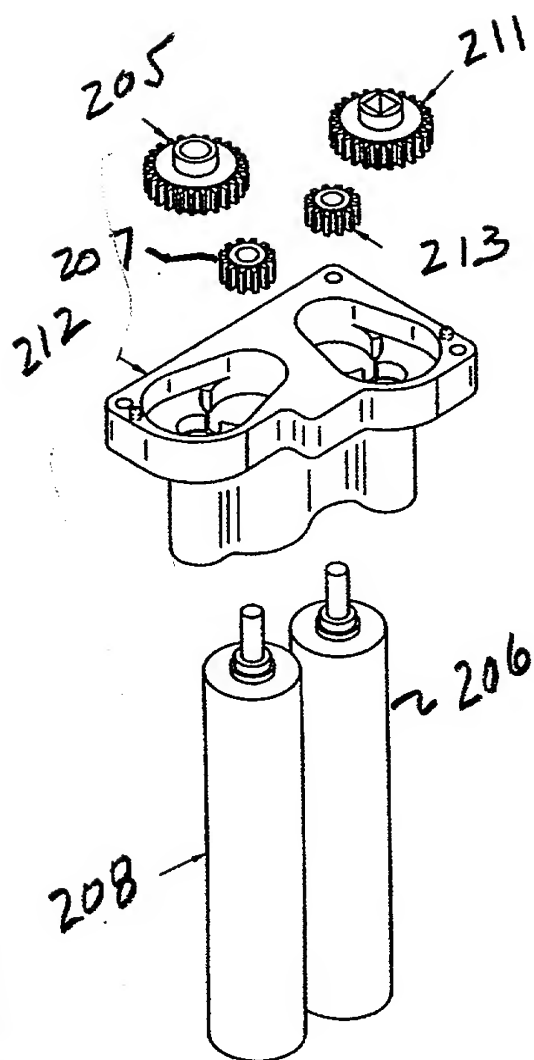
FIG. 3



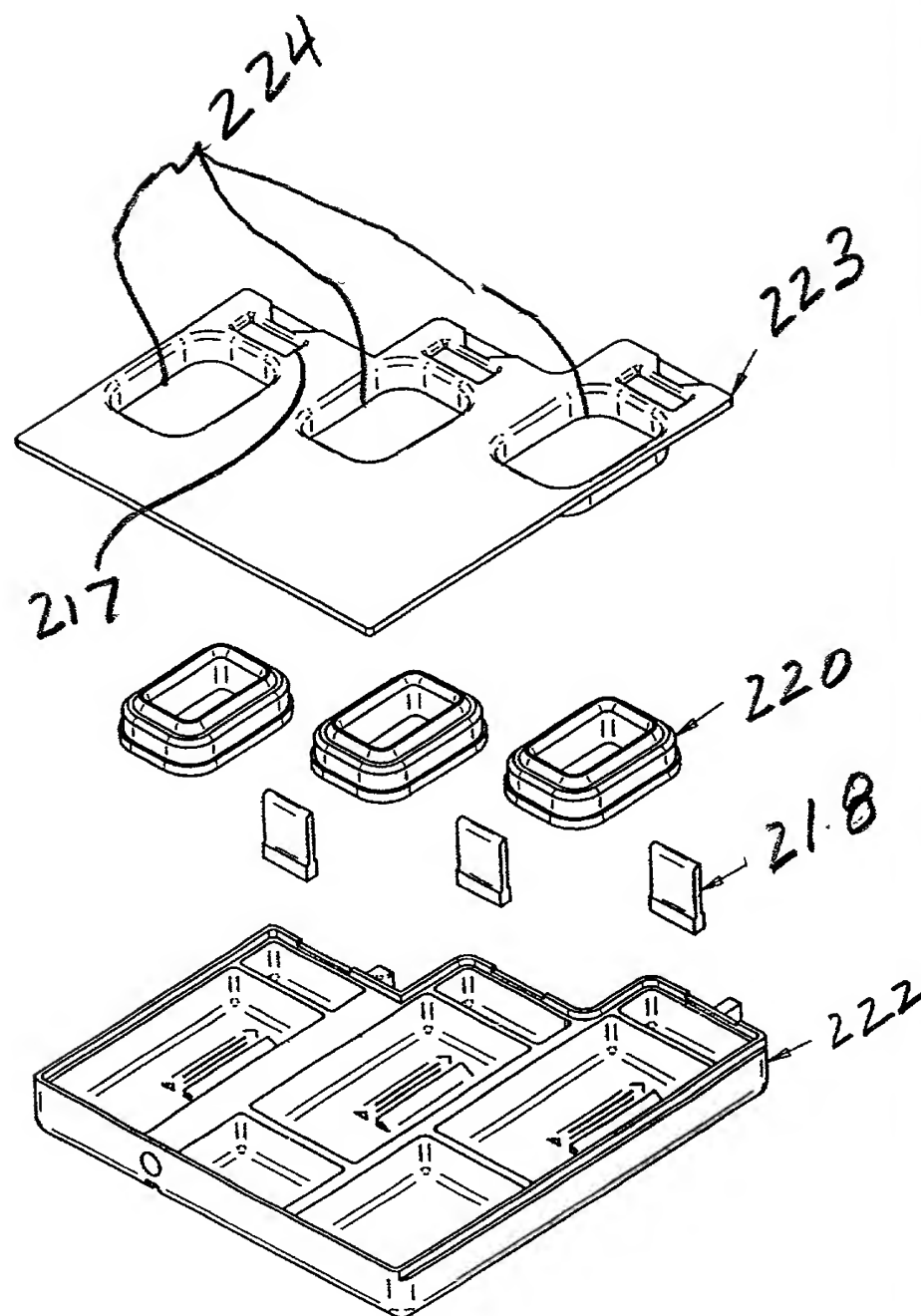
**Figure 4** (Power Transmission Path  
for Cartridge Vertical Motion)



**Figure 5** (Power Transmission Path  
for Waste Ink Receptacle Horizontal Motion)



**Figure 6** (Motor, Housing and Gear Assembly)



**Figure 7** (Ink Receptacle Assembly)

300

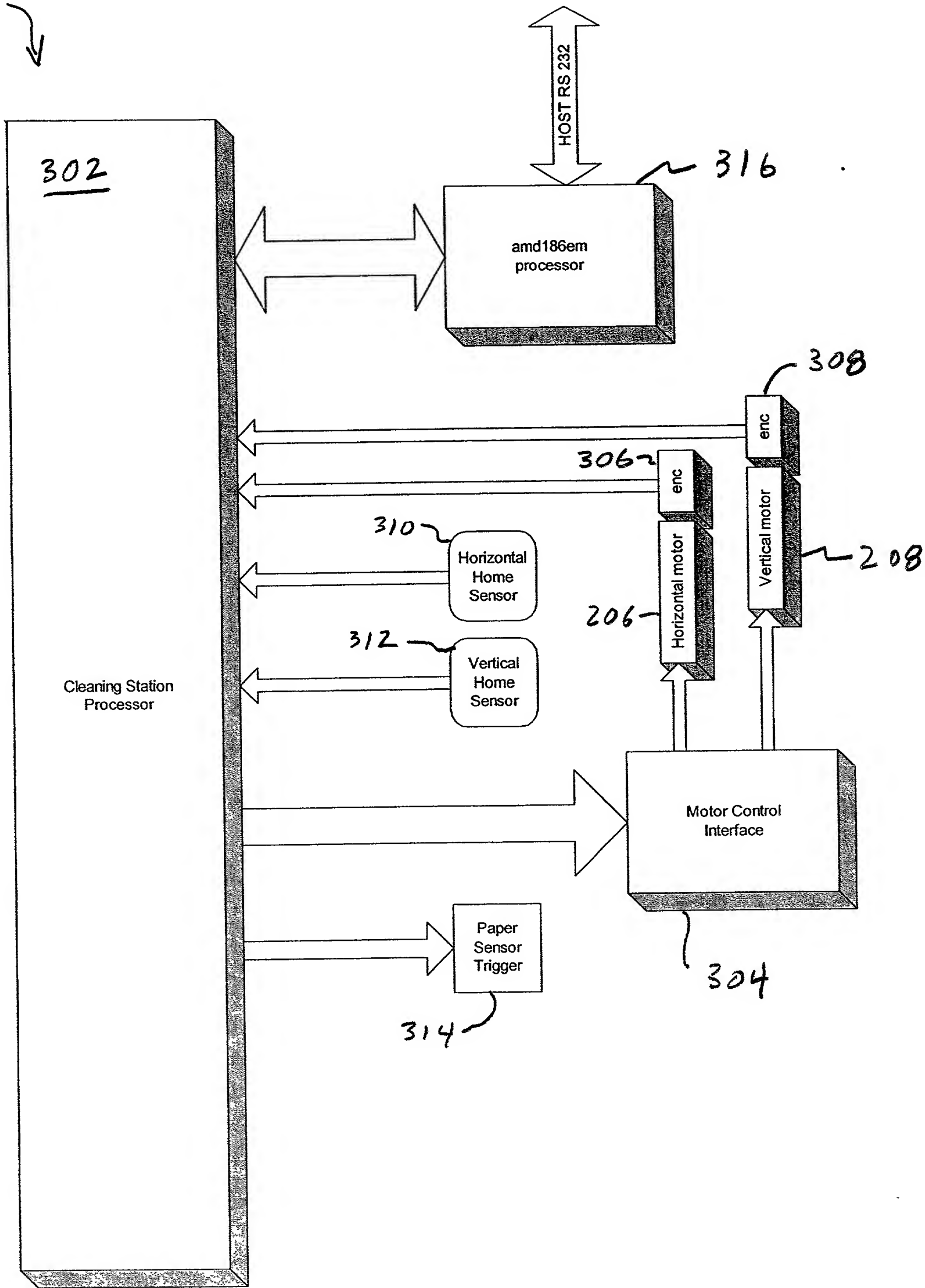
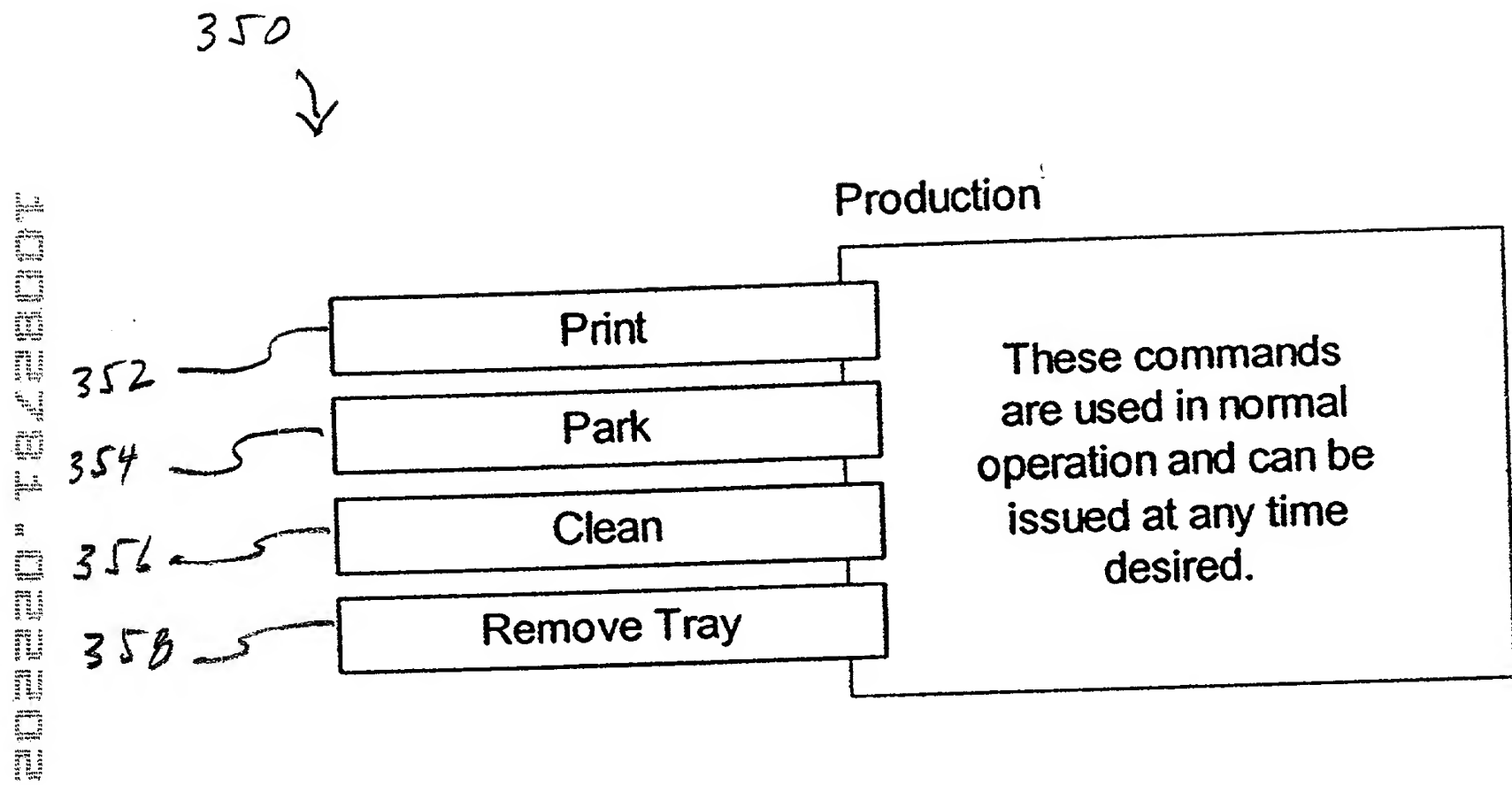


Figure 8 (Cleaning Station Control Assembly)



**Figure 9** (Cleaning Station Commands)

Fig. 10A

Print

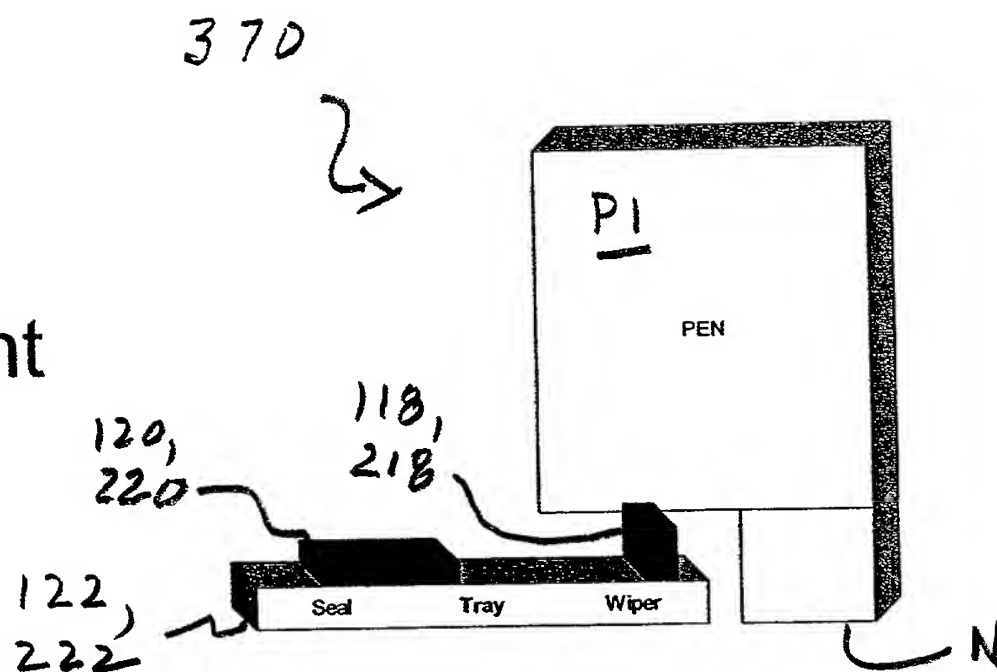


Fig. 10B

Park

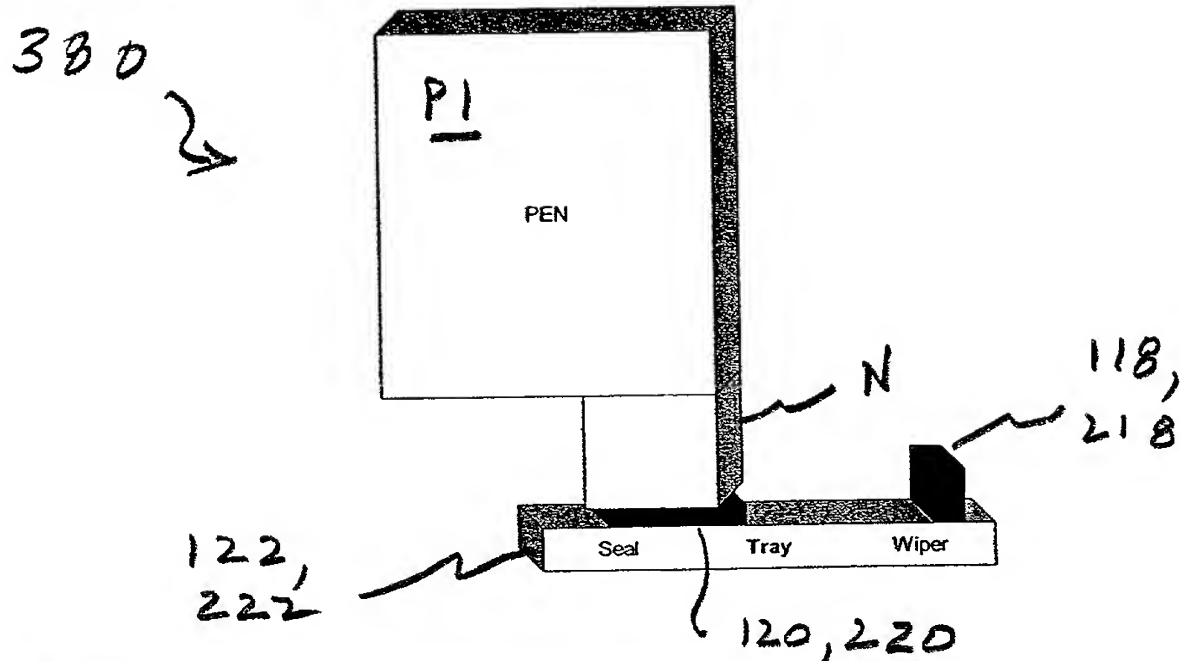


Fig. 10C

Remove Tray

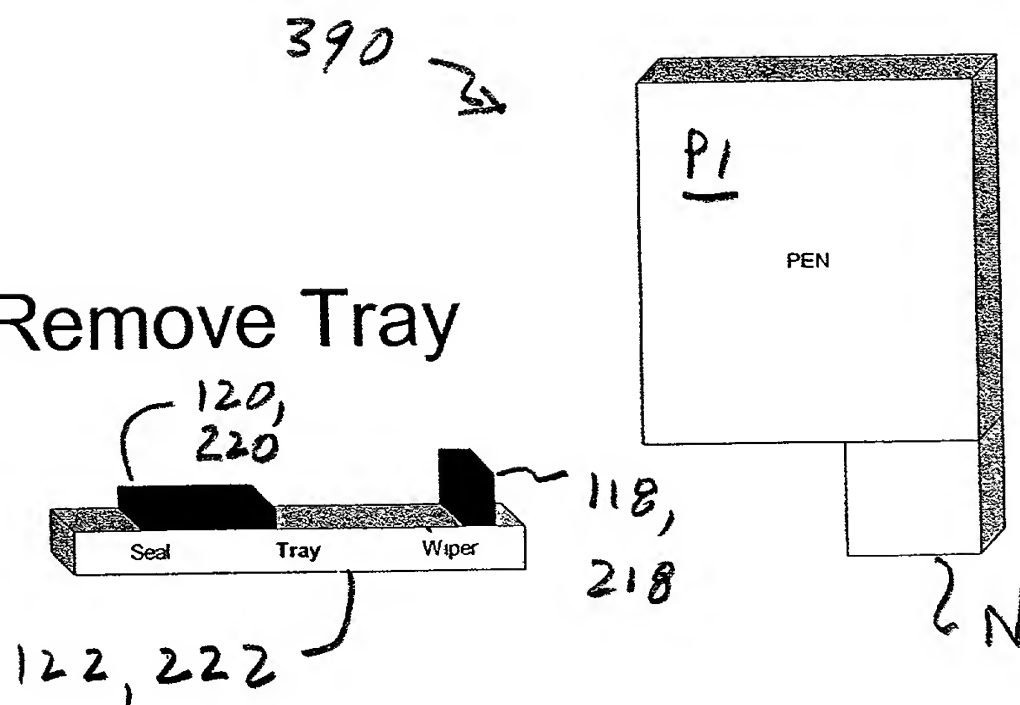


Figure 10 (Print, Park and Remove Tray Positions)



400

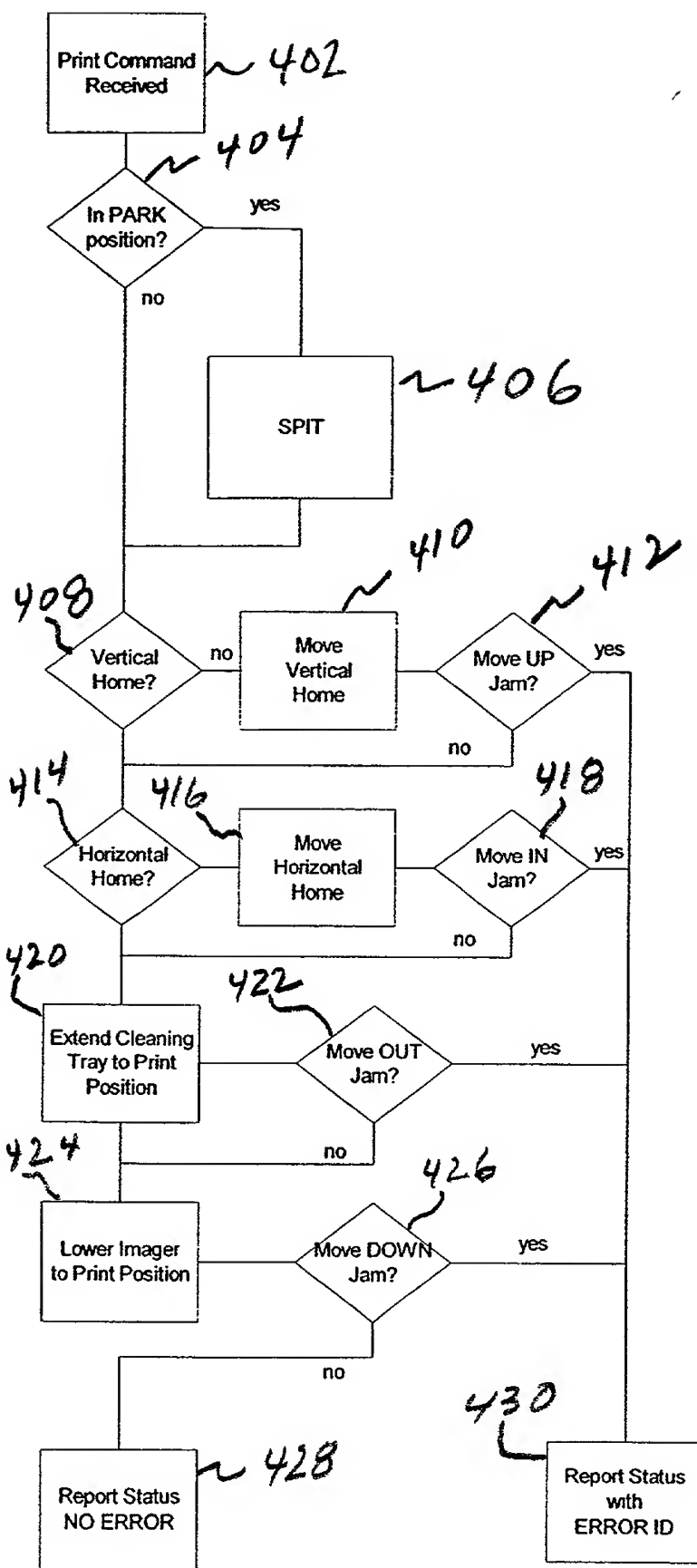


Figure 11 (Print Cycle Flowchart)

500

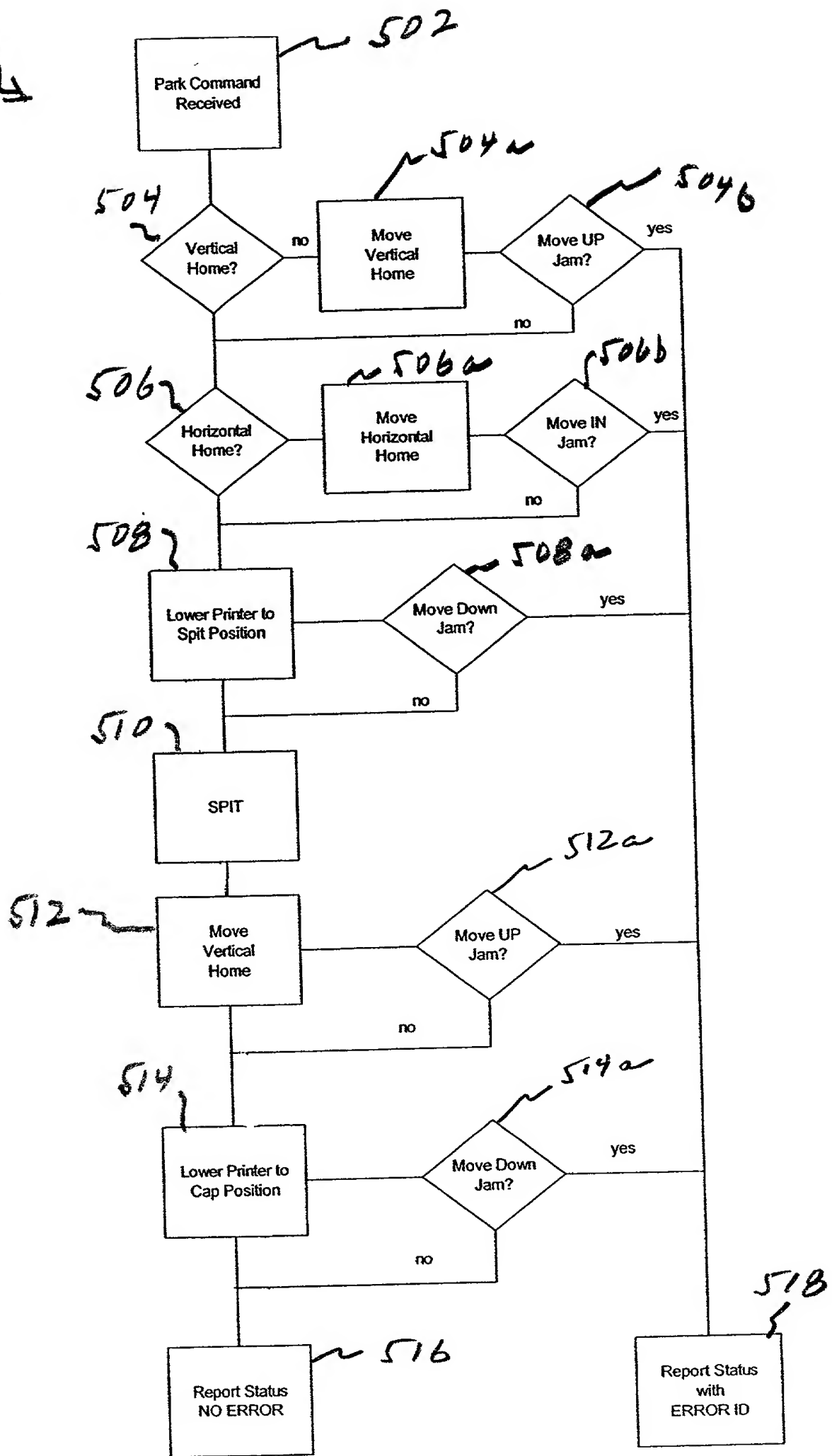


Figure 12 (Park Cycle Flowchart)

# Cleaning Cycle

Fig. 13A Start

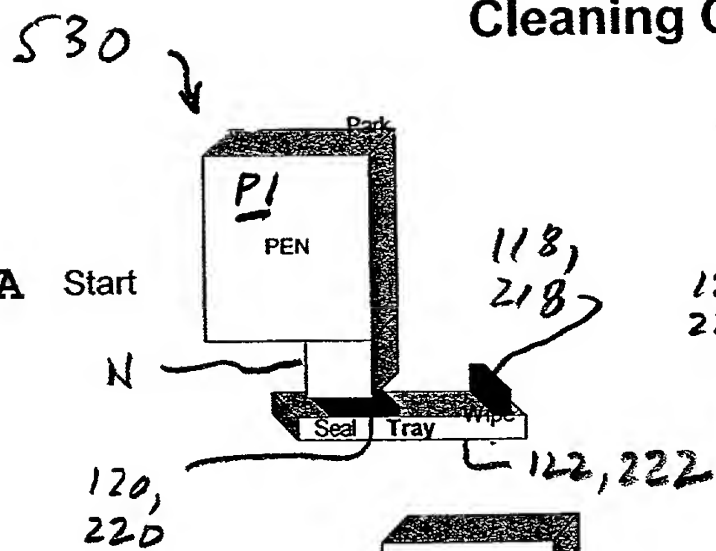


Fig. 13A'

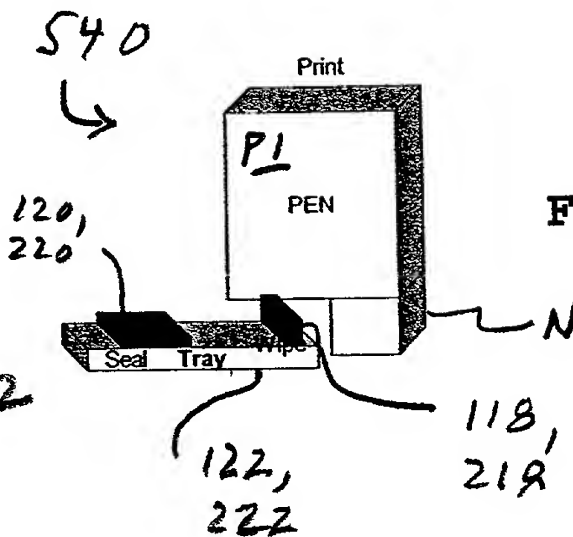


Fig. 13B Spit

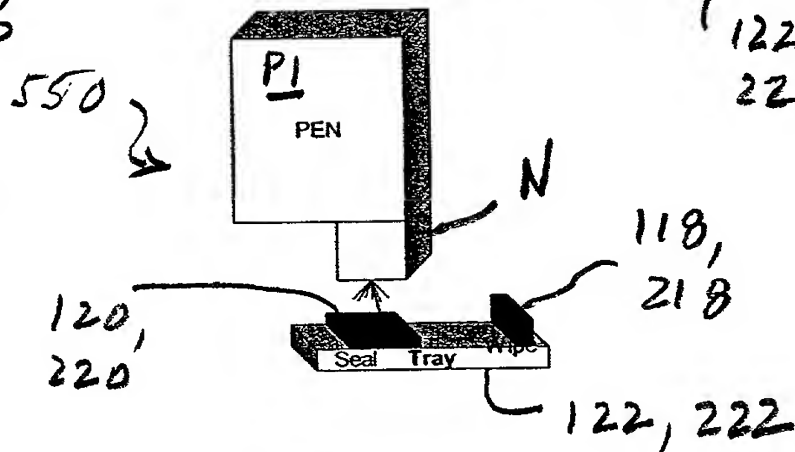


Fig. 13C Wipe

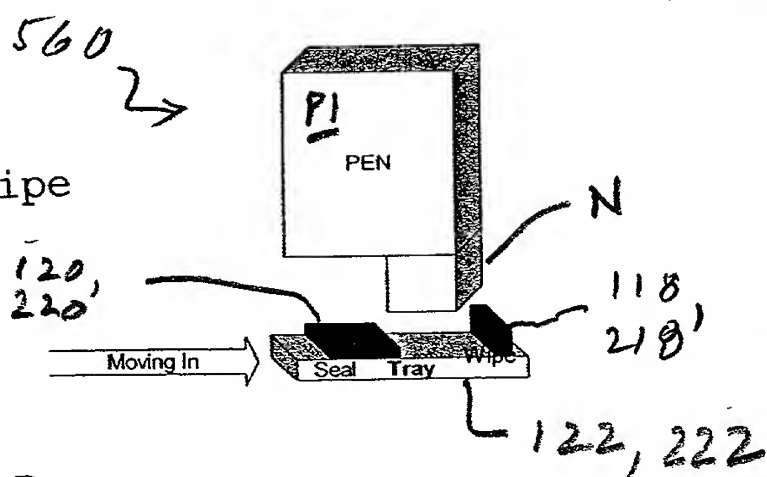


Fig. 13D Wick

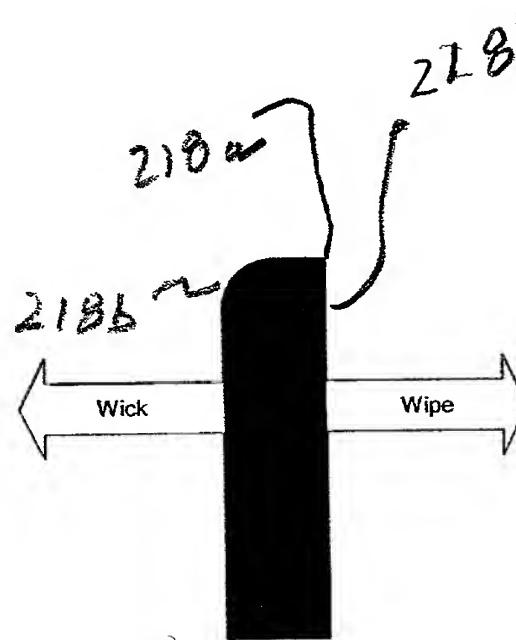
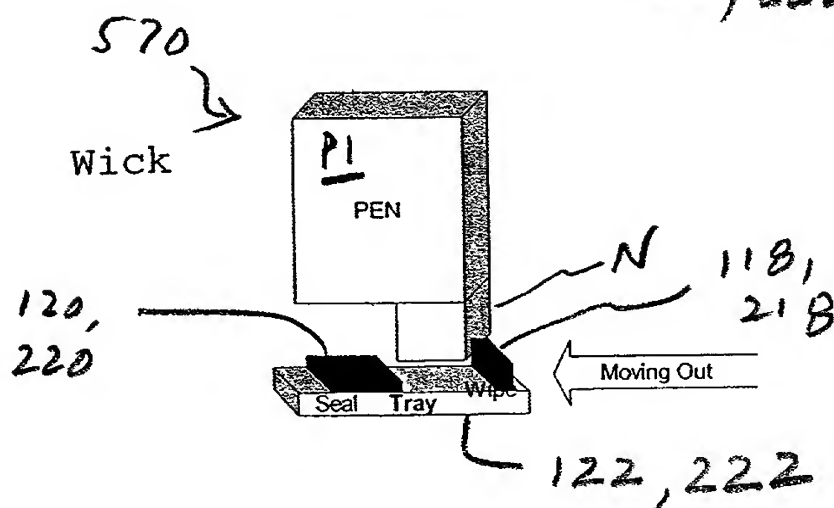


Figure 14 (Wiper)

Figure 13 (Cleaning Cycle Positions)

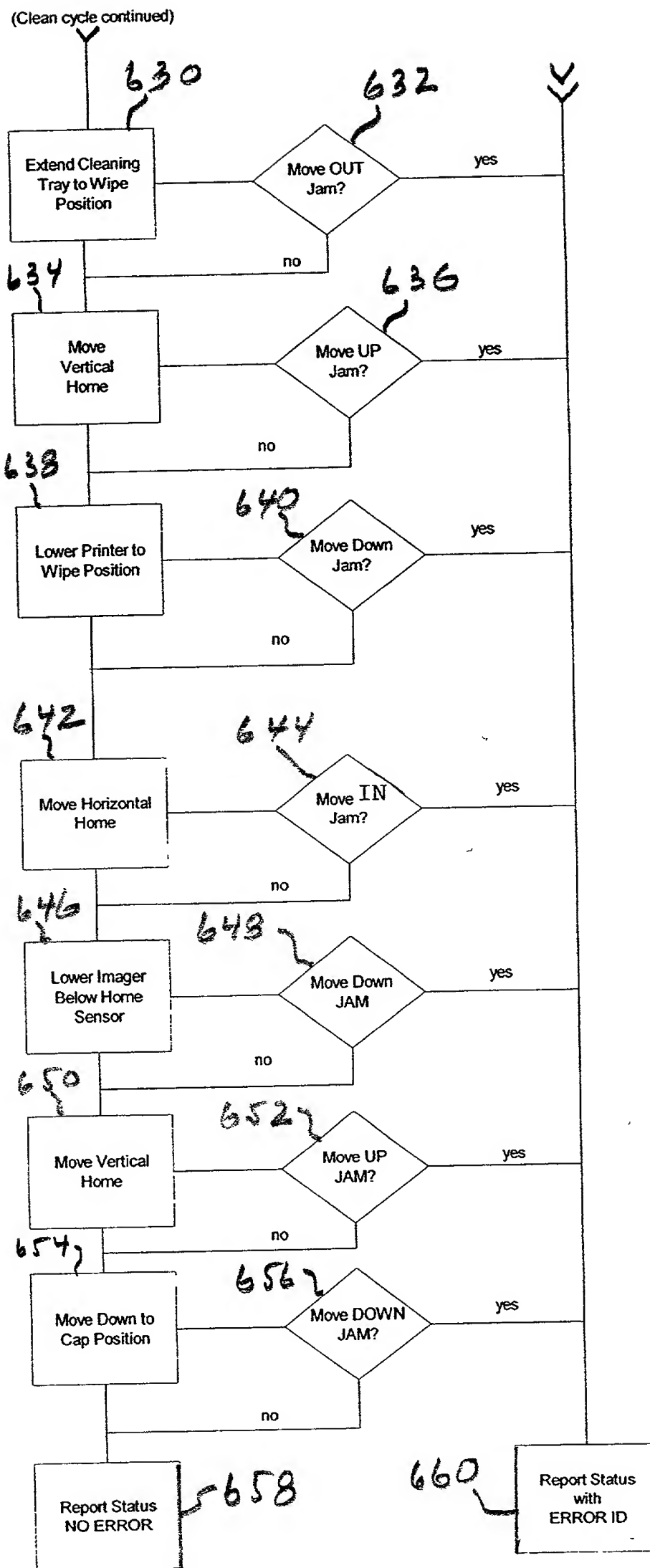
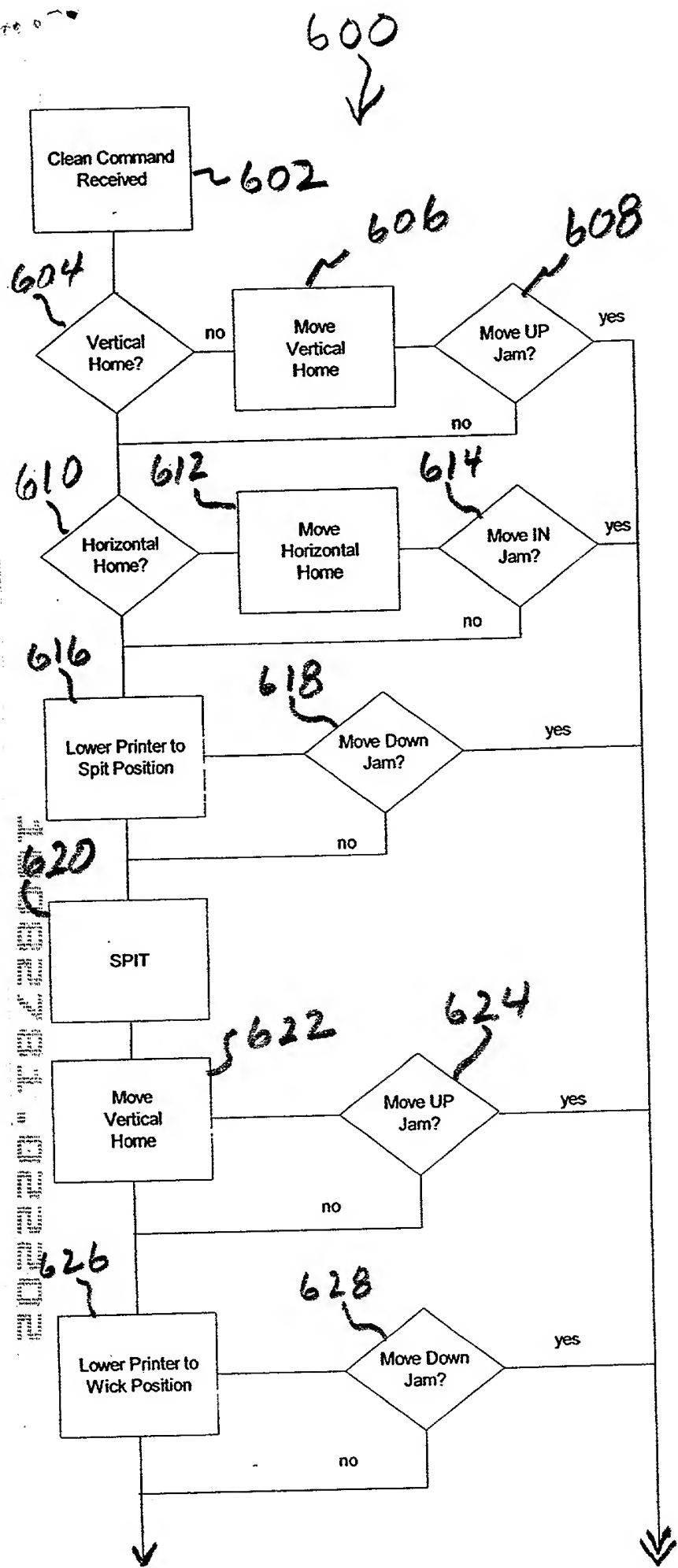


Figure 15 (Cleaning Cycle Flowchart)

700

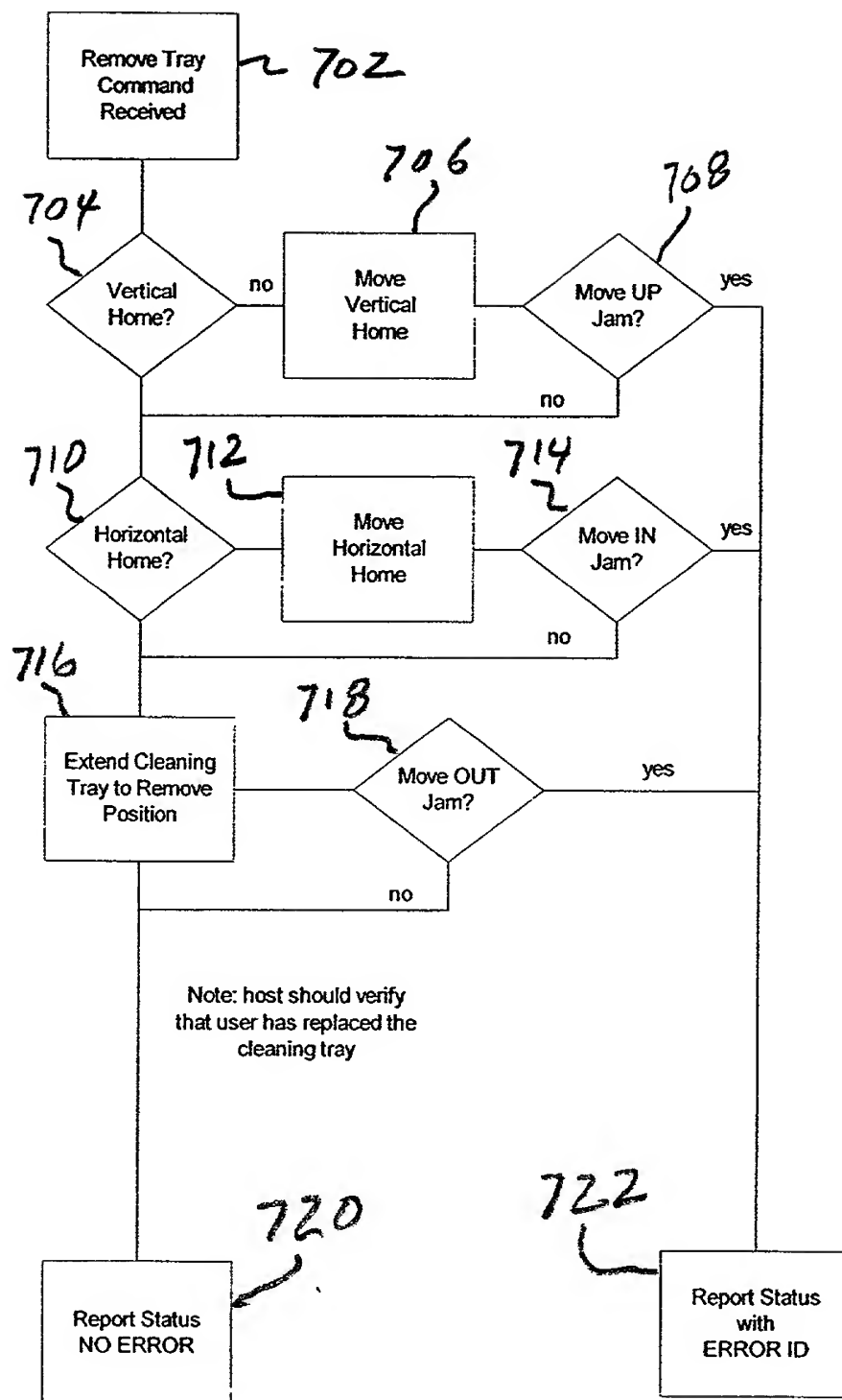


Figure 16 (Remove Tray Cycle Flowchart)